# Mountain Weather Forecast

## Lake District National Park

Forecast valid from 00:00 on Sunday 31 Mar 2024 until 23:59 on Monday 01 Apr 2024

Forecast Issued on Saturday 30 Mar 2024 at 10:44

**Confidence:** Generally high confidence, becoming moderate for rainfall detail by Tuesday.

**Headline for Sunday 31 Mar 2024:** Largely dry and sunny, clouding over from the east later in the evening.

**Mountain weather hazards on Sunday 31 Mar 2024**

| | | |
|---|---|---|
| **Blizzards**<br>No Likelihood | **Heavy persistent snow**<br>No Likelihood | **Storm force winds**<br>No Likelihood |
| **Gales**<br>No Likelihood | **Severe chill effect**<br>Low Likelihood | **Poor visibility**<br>No Likelihood |
| **Thunderstorms**<br>No Likelihood | **Heavy persistent rain**<br>No Likelihood | **Strong sunlight**<br>Low Likelihood |

| **Weather and chance of precipitation at 800m** | | | | | | | |
|---|---|---|---|---|---|---|---|
| Time | | | | | | | |
| 00:00 | 03:00 | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 |
| Clear night | Clear night | Sunny | Sunny | Sunny intervals | Sunny intervals | Sunny intervals | Cloudy |
| Precipitation probability | | | | | | | |
| 10% | 10% | 10% | 10% | 10% | 10% | 20% | 30% |

**Forecast for Sunday 31 Mar 2024**

**Weather:** Dry with largely clear or sunny skies through the first half of the day. Patchy high cloud into the afternoon but still a good deal of sunshine. Low cloud feeding in from the east later in the evening with perhaps a little drizzle.

**Chance of cloud-free hill tops above 800m:** 90%, falling 40% later in the evening.

**Low cloud and visibility:** Scattered or broken cloud base 500-700m from late evening. Visibility good or very good.

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# Mountain Weather Forecast

**Forecast for Sunday 31 Mar 2024**

| Height (m) | Wind Speed mean/gusts (mph) | | | | | Wind Direction (blowing from) | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 00:00 | 03:00 | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **900** | 17/22 SE | 20/25 SE | 23/29 SE | 22/29 E | 20/28 E | 20/28 E | 22/30 E | 27/35 E | 27/35 E |
| **600** | 14/20 SE | 15/22 SE | 17/25 SE | 14/20 E | 17/26 E | 18/26 E | 18/26 E | 17/24 E | 16/24 E |
| **300** | 5/16 SE | 6/19 SE | 6/20 SE | 9/20 E | 11/23 E | 10/22 E | 9/21 E | 8/23 E | 8/21 NE |
| **Valley** | 4/15 E | 5/18 E | 6/19 E | 8/17 E | 9/18 E | 11/20 E | 11/21 E | 11/23 NE | 12/23 NE |

| Height (m) | Temperature / Feels Like (°C) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 00:00 | 03:00 | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **900** | 4/-1 | 3/-2 | 3/-3 | 3/-2 | 5/-0 | 5/0 | 3/-3 | 0/-7 | -0/-8 |
| **600** | 5/1 | 4/-0 | 4/-1 | 6/2 | 8/4 | 8/4 | 5/1 | 2/-3 | 1/-4 |
| **300** | 6/4 | 6/3 | 5/3 | 9/7 | 11/9 | 11/9 | 8/6 | 5/2 | 4/1 |
| **Valley** | 8/7 | 7/6 | 7/5 | 10/9 | 12/10 | 13/11 | 10/8 | 7/5 | 6/3 |
| **Freezing Level*** | 1200m | 1200m | 1100m | 1100m | 1200m | 1200m | 1100m | 900m | 900m |

**Level above which ground is expected to be frozen/snow is expected to settle.*

**Meteorologist's View**

Nothing to add.

**Forecast for Monday 01 Apr 2024**

**Weather:** Cloudy throughout the day with limited brighter breaks. Outbreaks of light rain at times, with some heavier bursts later in the day.

**Maximum wind:** Northeast 15-20 mph, gusting 30-35 mph

**Chance of cloud-free hill tops above 800m:** 30%

**Low cloud and visibility:** Scattered or broken cloud base 500-700m throughout. Visibility mainly good below cloud height, moderate at times later in heavier rain.

**Temperature:** **Valleys:** Plus 5 rising to plus 10 Celsius
**At 800m:** Plus 1 rising to plus 4 Celsius
**Freezing level:** 1000-1200m

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# Mountain Weather Forecast

**Ground Conditions Supplement**
Date: Saturday 30 March 2024 Location: Helvellyn summit at 11:00 Full report: The vast majority of the Lake District fells & popular paths are now clear of snow with the exception of Helvellyn where steep north through east facing aspects above 700m are still holding a significant amount of snow.
Striding & Swirral Edges can be ascended & descended without setting foot on snow with careful route choice and sticking mainly to the crest. However many of the less exposed 'easier' paths that lie on the northern flanks are still snow covered & hazardous. Unstable & thawing cornices were still present above some steep north through east aspects. The snow was soft and thawing at all levels today but insecure where it overlies steep grass & rock and there is still the potential for a long slide if you lose your footing in the wrong place. Carrying microspikes is still strongly recommended for anyone venturing on to steep & exposed or snow covered terrain, including the Edges, especially if summit temperatures drop below freezing. Full winter clothing (waterproofs, extra warm layers, hat & gloves), and equipment including a map, compass and headtorch are all essential to safely enjoy Easter on the high fells. Temperature: plus 1.2 C, Maximum wind speed 20.0 mph, Wind chill: minus 6.3 C, Average wind speed: 17.6 mph

Issued at: 1644 on Sat 30 Mar 2024

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